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STRUCTU	RE ACTIVITY TE	AM REPORT	ver. 04/98	
Case #:	P-01-0148		DCN:	
SAT Date:	12/15/2000		SAT Chair:	B. Jones
Submitter:		Atof	ina Chemicals	s, Inc.
Chemical Na	me:		4	
CAS RN:			Trade Name:	SMA 318
Structure				OWA OTO
	AND THE PROPERTY AND THE PARTY			
	001550			
טוטטפ	001550			
				*
Molecular Forme	ula:			
Molecular Wt.	***	WT%<500:		WT%<1000:
MP:	45.00	BP:		Eq. Wt:
H2O Sol (g/L):		<0.001	V.P.	<0.00001
Max. Prod. Volu	me (kg/yr):		Physical State:	So
USE:				
Oil and gas well fro phosphate based	acturing fluid (component o oil-fracturing fluids.	f a gelling agent). STN	file CA: no references	found. The PMN substance is an alternative to currently availab
Related	I Case Numbers	Case Role	Related	d Case Numbers Case Role
				<b>27</b> 27 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
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Focus Date	:12-21-00	Results: 🔎	op	子 資產
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## STRUCTURE ACTIVITY TEAM REPORT

CASE NUMBER: P01-0148

RELATED CASES:

CONCLUSIONS/DISCUSSIONS

TYPE OF CONCERN: HEALTH ECOTOX

LEVEL OF CONCERN: 1 1

**KEYWORDS:** 

## SUMMARY OF ASSESSMENT

FATE: Solid
S = Negl.; VP @ 25C (mm) < 1.0E-6(E); H < 1.00E-8(E)
MP (C) = 45(M);
POTW removal (%) = 90 via sorption
Time for complete ultimate aerobic biodeg > mo
PBT Potential: P3B1T1
Sorption to soils/sediments = v.strong

\*CEB FATE: Migration to ground water = negl

HEALTH: Absorption is nil all routes based on physical/chemical properties. No significant health concerns. \*CEB HEALTH: Low concern (no exposures needed). XB: No testing desired.

ECOTOX: Predicted (P) toxicity values in mg/L (ppm) are: fish 96-h LC50 = \* P daphnid 48-h LC50 = \* P green algal 96-h EC50 = \* P fish Chronic Value (ChV) = \* P daphnid ChV = \* P algal ChV = \* P

based on SARs for anionic polymers; SAR chemical class = 1, NavgMW; hardness <180.0 mg/L as CaCO3, 100% active ingredients, nominal concentrations, and TOC <2.0 mg/L; low concern;

assessment factor = 10.0

concern concentration (CC) = \* mg/L

\*CEB ECOTOX: No releases to water;

Becky Jones 260-3461

NCSAB SAT REPO	ORT			CBI? (Y	/N):
PMN:	P-01-01	48	CAS R	RN:	
ChemName:				Analogs	
	<u>-</u>			PV:	
Structure:					
31					
•					
Use:					
•			union of third common and a soul	Was a second	
	The PMN sui	STN file	uring fluid (component of a gel e CA: no references found. to currently available phosphat		
Formula:			Eq Wt:		***************************************
MVV:			Wt%<500:		Wt%<1000
MP (M):	45.00 MP (E	):	BP:	BP (E):	VP: <0.000001
WS g/L (E): <0	0.001 WS (M)		Phys. State:	Solid	Log P (M):
Endpoint (mg/L)	Est. Value	Meas. Value	Comments		Log P (SRC):
Fish 96-h	*				Log P (ClogP):
Daphnid 48-h	*				
Algal 96-h	*				
Fish ChV	*				
Daphnid ChV	*		i		
Algal ChV	*				
DOE		<del> </del>		·	
BCF	L	1045	<u> </u>		
CHEMICAL CLASS			olyme - am		
ECOTOX CONCER	RN H M	L) CONCERN	CONCENTRATION	*	
DATE: Dec. 14, 20	000	ASSESS	OR:		

ATTENDEES	SIGNATURE
CHEMISTRY	
Paul Bickart Diana Darling Rich Engler Greg Fritz Daniel Lin Kathy Schechter	Hend 2 lings
ENVIRONMENTAL FATE	
Bob Boethling David Lynch Gary Thom	
HEALTH	
Katherine Anitole Michael Cimino Ilda McKenna Leonard Keifer David Lai Jim Murphy Deborah Norris Ronald Ward Yin Tak Woo	Like fear memo memo memo
ENVIRONMENTAL EFFECTS	-
Gordon Cash Vince Nabholz Maggie Wilson	maggie Wilson
SAT CHAIRPERSON/OTHER	•
Rebecca Jones Leonard Keifer Vince Nabholz	AdecaJonas